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SUPPLEMENT TO REPORT NO.

- The majority of the power stations in North China, formerly operated by the National Resources Commission (NRC), have been taken over 1/ the various Communist city administrations or the People's Idberation Army, which have continued to employ the former NRC personnel. Some details of the present condition of a number of power stations in North China are given in the following maragramhs.
- Of the four Tientsir mover stations, three belong to the Communist envernment and the fourth is French-owned.
 - No. 1 Power Station (formerly Japanese): Superintendent: S. P. CHENG 2 sets Shibau a turbo-generators (18,750 KVA each) Output 30,000 Kil Plant needs one 3 phase, 77,000 V potential transformer.
 - b. No. 2 Power Mation (formerly British): Pactory Panager: K. C. SUN 2 sets Metro clitan Vickers generators (3,150 KVA each) 2 sets G.E.C. (1,000 KW) - not in use Canacity 5,001 KW. 5,000 V. 50 cycles Boilers over-uge with excessive coal consumption.
 - c. No. 3 Power Station (formerly Belgian): Superintendent: C. T. CHANG formerly NRC representative in Switzerland) 2 sets B.B.C. turbo-generators (3,000 Mi each) 1 set A.C.E.C. (9,500 KVA) 1 set A.C.E.C. (6,000 KVA, 3 phase, 220 V) Output 19,500 KI The plant is mostly very old.
 - d. Energie Electrique de Tientsin. Capacity 5,000 KM Output 48,000 KW (due to constant breakdown of plant) Transmistion nets to Peiving and Tangshan at 77,000 V. Other transmission at 22,000 V transformed down to 5,000 V, 220 V,

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3 phase, 50 cycles. An order was recently placed with Brown Boveri for a 25,000 KW turbogenerator set, which is nearly complete and will be shipped to Tientsin.

- 3. Peiping Power Station (linked by 77,000 V grid with Tientsin and Tangshan). General Manager: K. P. PAO
 2 sets Siemens turbo-generators (10,000 KW each)
 2 sets Japanese turbo-generators (one of 25,000 KW, one of 10,000 KW 20% overload included).
 Capacity 55,000 KW
 Output 30,000 KW (the 25,000 KW generator is almost constantly out of order)
 Transmission on 22,000 V transformed down to 6,600 V, 380/220 V 50 cycles.
- Tangshan Power Station (linked by grid with Peiping and Tientsin)
 Nanager: C. K. SHENG
 2 sets A.E.G. turbo-generators installed in 1936 (one 15,000 kW, one 10,000 kW)
 Capacity (and output) 25,000 kW
 Trans: Frich outside city 33,000 V, within city 3,300 V, 380/220 V, 50 cycles.
 Power is supplied to Tientsin (about 7,000 kW), also to Shanhaikman and Chinhuangtao
- .6. Tsinan Power Station:

 Manager: H. Y. CHANG

 1 set A.E.G. turbo-generator (7,500 KVA)

 Capacity 12,000 KW

 Transmission 5,000 V, 380/220 V. 50 cycles.
- 7. Tsingtac Power Station:
 Manager: Y. K. HSU
 Capacity 35,000 KW
 2 sets Shibaura turbo-generators (18,750 KVA each)
 1 set B.T.H. turbo-generator (6,250 KVA, 50 cycles)
 Transmission outside city 20,000 V, within city 3,300 V, 220/110 V, 50 cycles.
 Modern plant.
- 8. Hauchou Electricity and Vater Works
 Manager: S. L. CHANG
 1 set Siemens turbo-generator (1 150 KVA)
 Capacity 2,700 KW (half of this is supplied to a mine)
 Transmission outside city 22,000 V, within city 3,150 v, 380/220 V, 50 cycles.
 Fired with oil fuel. Power available for domestic consumers only in the evening.
- Pengpu Power Station:

 Manager: L. S. HSU

 Turbo-generator set supplied by U.N.P.R.A. One 1,000 KW turbo-generator being supplied from stock held in the country.

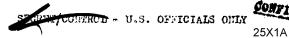
 Capacity 500 KW

 Transmission 2.300 V, 380/220 V, 50 cycles.

 Former generators dismantled by Japanese

 Power available from 8 a.m. to 1 p. 34
- 10. Nanking Capital Electricity Works:
 Deputy manager: P. H. SIAO
 2 sets Siemens turbo-generators (1,000 kW) 16,250 kVA
 2 sets Siemens turbo-generators (10,000 kW) 12,500 kVA
 () sets (unspecified) have been dismantled and removed)
 Output 30,000 kW
 Transmission 1) 200 V, 380/220 v, 50 cycles.
 Power available 6 p.m. to 6 a.m. (light only till midnight)
 No. 2 boiler was recently put out of action by Nationalist bombing.

Approved For Release 2000/05/18: CIA-RDP82-00457R004100590006-0



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11. South Anhwei Electricity Works: Still in course of construction 2 sets turbo-generators of 5,000 KW each.

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Cornent. All the above power stations are in competent and honest made. Improvement and development work is in hand, and it is estimated that great progress will be made in the next few years in electric power development.

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